| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------|---------|------------------|
| L1 | 136 | machine adj vision and (vehicle adj wheel or tire)same align\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 16:54 |
| L2 | 215 | machine adj vision and (vehicle adj wheel or tire) and align\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 16:55 |
| L3 | 159 | L2 and (plurality or plural\$1)and(camera or ccd or sensor\$1 or detector\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 16:55 |
| L4 | 158 | L3 and (align\$4 adj software or computer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 16:56 |
| L5 | 150 | L4 and (movable or moved or motion or fixed)and(vehicle adj service or automobile adj service or device or apparatus or unit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON . | 2008/02/15 16:58 |
| L6 | | L5 and(collision adj avoidance or collision adj system) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:00 |
| L7 | 1 | L6 and optical adj target\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:01 |
| L8 | 24 | L6 and (@ad < "20030822" or @rlad < "20030822" or @prad < "20030822" or @ptad < "20030822") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:02 |
| L9 | 1 | L6 and @ad<"20030822" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:02 |

| L10 | 0. | L8 and vehicle adj service | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2008/02/15 17:04 |
|-----|------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------|------|------|------------------|
| L11 | 150 | L4 and (movable or moved or motion or fixed)and(vehicle adj service or device or apparatus or unit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:05 |
| L12 | 25 | L11 and(collision adj avoidance or collision adj system) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:05 |
| L13 | 1 | L12 and optical adj target\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:05 |
| L14 | 25 | L12 and (optical adj target\$ or camera or ccd or sensor\$1 or detector\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:07 |
| L15 | 23 | ((DANIEL) near2 (DORRANCE)). INV. | US-PGPUB; USPAT | OR | ON | 2008/02/15 17:08 |
| L16 | 31 | ((TIMOTHY) near2 (STREGE)). INV. | US-PGPUB; USPAT | OR | ON | 2008/02/15 17:08 |
| L17 | 22 | ((LEIGH) near2 (BURNS)).INV. | US-PGPUB; USPAT | OR | ON | 2008/02/15 17:08 |
| L18 | 11 | ((MARK) near2 (SHYLANSKI)).INV. | US-PGPUB; USPAT | OR | ON | 2008/02/15 17:08 |
| L19 | 20 | ((THOMAS) near2 (GOLAB)).INV. | US-PGPUB; USPAT | OR | ON | 2008/02/15 17:08 |
| L21 | . 14 | L15 and machine adj vision and (vehicle adj wheel or tire)and align\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON . | 2008/02/15 17:09 |
| L22 | 13 | L21 and (plurality or plural\$1)and(camera or ccd or sensor\$1 or detector\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:09 |

| L23 | 13 | L22 and (align\$4 adj software or computer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:10 |
|-------|----|--------------------------------------------------------------------------------|---------------------------------------------------------|------|----|------------------|
| L24 · | 7 | L23 and(movable or moved or motion or fixed)and vehicle adj service | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:10 |
| L25 | 1 | L24 and(collision adj avoidance or collision adj system) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:11 |
| L26 | 1 | L25 and optical adj target\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:11 |
| L27 | 12 | L16 and machine adj vision and (vehicle adj wheel or tire)and align\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:11 |
| L28 | 9 | L27 and (plurality or plural\$1)and(camera or ccd or sensor\$1 or detector\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:11 |
| L29 | 9 | L28 and (align\$4 adj software or computer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:11 |
| L30 | 4 | L29 and(movable or moved or motion or fixed)and vehicle adj service | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:12 |
| L31 | 1 | L30 and(collision adj avoidance or collision adj system) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2008/02/15 17:12 |
| L32 | 1 | L31 and optical adj target\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:12 |

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|-----|------|----------------------------------------------------------------------------------------------|---------------------------------------------------------|------|----|------------------|
| L33 | 0 | L32 and(@ad<"20030822" or @rlad<"20030822" or @prad<"20030822" or @ptad<"20030822") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:12 |
| L34 | 17 | L17 and machine adj vision and (vehicle adj wheel or tire)and align\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:12 |
| L35 | . 15 | L34 and (plurality or plural\$1)and(camera or ccd or sensor\$1 or detector\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:13 |
| L36 | 15 | L35 and (align\$4 adj software or computer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:13 |
| L37 | 5 | L36 and(movable or moved or motion or fixed)and vehicle adj service | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:13 |
| L38 | 1 | L37 and(collision adj avoidance or collision adj system) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:13 |
| L39 | 1 | L38 and optical adj target\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:13 |
| L40 | 11 | L18 and machine adj vision and (vehicle adj wheel or tire)and align\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:13 |
| L41 | 11 | L40 and (plurality or plural\$1)and(camera or ccd or sensor\$1 or detector\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR , | ON | 2008/02/15 17:13 |
| L42 | 11 | L41 and (align\$4 adj software or computer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:14 |

| L43 | 6 | L42 and(movable or moved or motion or fixed)and vehicle adj service | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:14 |
|-----|------|--------------------------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| L44 | 1 | L'43 and(collision adj avoidance or collision adj system) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:14 |
| L45 | 1 | L44 and optical adj target\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:14 |
| L46 | 12 | L19 and machine adj vision and (vehicle adj wheel or tire)and align\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:15 |
| L47 | 12 | L46 and (plurality or plural\$1)and(camera or ccd or sensor\$1 or detector\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:15 |
| L48 | 6 | L47 and(movable or moved or motion or fixed)and vehicle adj service | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:15 |
| L49 | 1 | L48 and(collision adj avoidance or collision adj system) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:15 |
| L50 | 1 | L49 and optical adj target\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/15 17:15 |
| L51 | 3371 | 382/103,141,151,142,143,116, 154.CCLS. | USPAT | OR | ON | 2008/02/15 17:17 |
| L52 | 0 | 364/559.CCLS. | USPAT | OR | ON | 2008/02/15 17:17 |
| L53 | 293 | 348/94,95.CCLS. | USPAT | OR | ON | 2008/02/15 17:17 |
| L54 | 102 | 29/273.CCLS. | USPAT | OR | ON | 2008/02/15 17:17 |
| L55 | 962 | 33/288,203,15,203.18.CCLS. | USPAT | OR | ON | 2008/02/15 17:18 |
| L56 | 1324 | 356/138,139,152,153,155,139.09. CCLS. | USPAT | OR | ON | 2008/02/15 17:18 |

| L57 | Γ | | | | T | T | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|--------------------------------------------|-------|----|----|------------------|
| | L57 | 7 | (vehicle adj wheel or tire)and | USPAT | OR | ON | 2008/02/15 17:19 |
| motion or fixed)and vehicle adj service | L58 | 7 | plural\$1)and(camera or ccd or | USPAT | OR | ON | 2008/02/15 17:19 |
| Collision adj system Collision adj target\$1 | L59 | 0 | motion or fixed)and vehicle adj | USPAT | OR | ON | 2008/02/15 17:20 |
| L64 2 L62 and (@ad <"20030822" or @prad <"20030822" or @prad <"20030822" or @prad <"20030822" or @ptad <"20030822") | L60 | 0 | | USPAT | OR | ON | 2008/02/15 17:20 |
| @rlad<"20030822" or @prad "20030822" or @prad "20030822") L65 | L62 | 2 | L58 and optical adj target\$1 | USPAT | OR | ON | 2008/02/15 17:20 |
| motion or fixed) and vehicle adj service L52 and machine adj vision and (vehicle adj wheel or tire) and align \$4 | L64 | 2 | @rlad<"20030822" or @prad<"20030822" or | USPAT | OR | ON | 2008/02/15 17:21 |
| L67 2 L53 and machine adj vision and (vehicle adj wheel or tire) and align\$\$4 USPAT OR ON 2008/02/15 17:24 L68 2 L67 and (plurality or plural\$\$\$1\$) and(camera or ccd or sensor\$\$1 or detector\$\$1\$) USPAT OR ON 2008/02/15 17:24 L69 0 L68 and(movable or moved or motion or fixed) and vehicle adj service USPAT OR ON 2008/02/15 17:24 L70 0 L68 and(collision adj avoidance or collision adj system) USPAT OR ON 2008/02/15 17:24 L71 0 L68 and optical adj target\$\$1 USPAT OR ON 2008/02/15 17:25 L72 2 L54 and machine adj vision and (vehicle adj wheel or tire) and align\$\$4 USPAT OR ON 2008/02/15 17:25 L73 2 L72 and (plurality or plural\$\$1\$) and(camera or ccd or sensor\$\$1 or detector\$\$1\$) USPAT OR ON 2008/02/15 17:25 L74 0 L73 and(movable or moved or motion or fixed) and vehicle adj service USPAT OR ON 2008/02/15 17:26 L75 0 L73 and(collision adj avoidance or collision adj system) | L65 | 0 | motion or fixed)and vehicle adj | USPAT | OR | ON | 2008/02/15 17:23 |
| (vehicle adj wheel or tire)and align\$4 L68 2 L67 and (plurality or plural\$1)and(camera or ccd or sensor\$1 or detector\$1) L69 0 L68 and(movable or moved or motion or fixed)and vehicle adj service L70 0 L68 and(collision adj avoidance or collision adj avoidance or collision adj system) L71 0 L68 and optical adj target\$1 L72 2 L54 and machine adj vision and (vehicle adj wheel or tire)and align\$4 L73 2 L72 and (plurality or plural\$1)and(camera or ccd or sensor\$1 or detector\$1) L74 0 L73 and(movable or moved or motion or fixed)and vehicle adj service L75 0 L73 and(collision adj avoidance or collision adj avoidance or collision adj system) USPAT OR ON 2008/02/15 17:25 OR ON 2008/02/15 17:25 USPAT OR ON 2008/02/15 17:25 OR ON 2008/02/15 17:26 | L66 | 0 | (vehicle adj wheel or tire)and | USPAT | OR | ON | 2008/02/15 17:24 |
| plural\$1)and(camera or ccd or sensor\$1 or detector\$1) L69 | L67 | 2 | (vehicle adj wheel or tire)and | USPAT | OR | ON | 2008/02/15 17:24 |
| motion or fixed)and vehicle adj service L70 | L68 | 2 | plural\$1)and(camera or ccd or | USPAT | OR | ON | 2008/02/15 17:24 |
| collision adj system) L71 | L69 | 0 | motion or fixed)and vehicle adj | USPAT | OR | ON | 2008/02/15 17:24 |
| L72 2 L54 and machine adj vision and (vehicle adj wheel or tire)and align\$4 L73 2 L72 and (plurality or plural\$1)and(camera or ccd or sensor\$1 or detector\$1) L74 0 L73 and(movable or moved or motion or fixed)and vehicle adj service L75 0 L73 and(collision adj avoidance or collision adj system) USPAT OR ON 2008/02/15 17:25 USPAT OR ON 2008/02/15 17:26 | L70 | 0 | , | USPAT | OR | ON | 2008/02/15 17:24 |
| (vehicle adj wheel or tire)and align\$4 L73 2 L72 and (plurality or plural\$1)and(camera or ccd or sensor\$1 or detector\$1) L74 0 L73 and(movable or moved or motion or fixed)and vehicle adj service L75 0 L73 and(collision adj avoidance or collision adj system) USPAT OR ON 2008/02/15 17:25 OR ON 2008/02/15 17:26 | L71 | 0 | L68 and optical adj target\$1 | USPAT | OR | ON | 2008/02/15 17:25 |
| plural\$1)and(camera or ccd or sensor\$1 or detector\$1) L74 0 L73 and(movable or moved or motion or fixed)and vehicle adj service L75 0 L73 and(collision adj avoidance or collision adj system) USPAT OR ON 2008/02/15 17:26 | L72 | . 2 | (vehicle adj wheel or tire)and | USPAT | OR | ON | 2008/02/15 17:25 |
| L75 0 L73 and(collision adj avoidance or collision adj system) motion or fixed)and vehicle adj service USPAT OR ON 2008/02/15 17:26 | L73 | 2 | plural\$1)and(camera or ccd or | USPAT | OR | ON | 2008/02/15 17:25 |
| collision adj system) | L74 | 0 | motion or fixed)and vehicle adj | USPAT | OR | ON | 2008/02/15 17:26 |
| L76 0 L73 and optical adj target\$1 USPAT OR ON 2008/02/15 17:26 | L75 | 0 | | USPAT | OR | ON | 2008/02/15 17:26 |
| | L76 | 0 | L73 and optical adj target\$1 | USPAT | OR | ON | 2008/02/15 17:26 |

| L77 | 26 | L55 and machine adj vision and (vehicle adj wheel or tire)and align\$4 | USPAT | OR | ON | 2008/02/15 17:28 |
|-----|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------|------------------|
| L78 | 21 | L77 and (plurality or plural\$1)and(camera or ccd or sensor\$1 or detector\$1) | USPAT | OR | ON | 2008/02/15 17:28 |
| L79 | 2 | L78 and(movable or moved or motion or fixed)and vehicle adj service | USPAT | OR | ON . | 2008/02/15 17:28 |
| L80 | 0 | L79 and(collision adj avoidance or collision adj system) | USPAT | OR | ON | 2008/02/15 17:28 |
| L81 | 1 | L79 and optical adj target\$1 | USPAT | OR | ON | 2008/02/15 17:28 |
| L82 | 28 | L56 and machine adj vision and (vehicle adj wheel or tire)and align\$4 | USPAT | OR | ON | 2008/02/15 17:29 |
| L83 | 21 | L82 and (plurality or plural\$1)and(camera or ccd or sensor\$1 or detector\$1) | USPAT | OR . | ON | 2008/02/15 17:29 |
| L84 | 1 | L83 and(movable or moved or motion or fixed)and vehicle adj service | USPAT | OR | ON | 2008/02/15 17:30 |
| L85 | 0 | L84 and(collision adj avoidance or collision adj system) | USPAT | OR | ON | 2008/02/15 17:30 |
| L86 | 0 | L84 and optical adj target\$1 | USPAT | OR | ON | 2008/02/15 17:30 |
| L87 | | (machine adj vision and(vehicle adj wheel or tire)and align\$4 and (plurality or plural\$1)and(camera or ccd or sensor\$1 or detector\$1)and(movable or moved or motion or fixed)and vehicle adj service and(collision adj avoidance or collision adj system)and optical adj target\$1).CLM. | US-PGPUB | OR | ON | 2008/02/15 17:33 |

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